

Title (en)  
Vehicle lamp

Title (de)  
Fahrzeuglampe

Title (fr)  
Lampe de véhicule

Publication  
**EP 2123974 A3 20091223 (EN)**

Application  
**EP 09005522 A 20090420**

Priority  
JP 2008111816 A 20080422

Abstract (en)  
[origin: US2009262549A1] A vehicle lamp includes a semiconductor light emitting device, a thermally conductive portion which is in contact with the semiconductor light emitting device, a heatsink which dissipates heat generated by the semiconductor light emitting device, and a housing in which the semiconductor light emitting device, the thermally conductive portion and the heatsink are accommodated. The heatsink includes a base and plate fins arranged at intervals to protrude from the base. Each of the plate fins includes a plate surface facing the plate surface of an adjacent one of the plate fins and upwardly extending in a direction along the base. A plane parallel to at least one of the plate surfaces of the plate fins may be oblique with respect to a vertical direction. An inner surface of the housing may be oblique with respect to the vertical direction in a region above the plate fins.

IPC 8 full level  
**F21S 8/10** (2006.01); **F21V 15/01** (2006.01); **F21V 29/00** (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)  
**F21S 41/00** (2017.12 - US); **F21S 41/148** (2017.12 - EP US); **F21S 41/16** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US); **F21S 45/49** (2017.12 - EP US); **F21V 29/75** (2015.01 - EP US); **F21V 29/76** (2015.01 - EP US); **F21S 41/255** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP US)

Citation (search report)

- [XAI] US 2007008727 A1 20070111 - CHINNIAH JEYACHANDRABOSE [US], et al
- [A] FR 2853717 A1 20041015 - KOITO MFG CO LTD [JP]
- [A] WO 2005025932 A2 20050324 - SCHEFENACKER VISION SYSTEMS US [US], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2009262549 A1 20091022; US 9249941 B2 20160202**; CN 101566301 A 20091028; CN 101566301 B 20110302; EP 2123974 A2 20091125; EP 2123974 A3 20091223; EP 2123974 B1 20160824; JP 2009266435 A 20091112; JP 5405043 B2 20140205

DOCDB simple family (application)  
**US 42742809 A 20090421**; CN 200910133988 A 20090422; EP 09005522 A 20090420; JP 2008111816 A 20080422